

6-69 Plugging Program by P.W.B.

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

.....
.....
.....

Checked by Chief
Approval Letter
Disapproval Letter

.....
6-10-69
.....

COMPLETION DATA:

Date Well Completed 6-20-69

OW..... WW..... TA.....
GW..... OS..... PA.....

Location Inspected

Bond released

State or Fee Land

LOGS FILED

Driller's Log 6-26-69

Electric Logs (No.) 1

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

MODERN MINERALS CORPORATION

3. ADDRESS OF OPERATOR

1003 Deseret Building, Salt Lake City, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1721' North of South line } Sec. 9, T. 19 S., R. 12 E
2448' West of East line }

At proposed prod. zone

Same

S. L. M.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

919'

16. NO. OF ACRES IN LEASE

600.00

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

2400' ✓

17. NO. OF ACRES ASSIGNED

TO THIS WELL

600.00

20. ROYALTY OR RENTABLE POOL

100% (to surface)

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6100' GR (approx.)

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	9 5/8" ✓		200' ✓
8 3/4"	7" ✓		1550' ✓

6 1/4" hole to T.D.

Approved in accordance
with rule C-3

We will drill the well using good oil field practice and plan to test all shows for oil and/or gas as warranted. ✓

Expected Formation Tops:

Shinarump: 1351', Moenkopi: 1400, Kaibab: 2260,

Coconino: 2350 ✓

43-015-30005

100' to top of land
300' to top of water
ACK - checked for map - MB

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths of productive zone. If proposal is to plug back, give pertinent data on subsurface locations and measured and true vertical depths of productive zone. If proposal is to deepen or plug back, give data on present productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths of productive zone. If proposal is to plug back, give pertinent data on subsurface locations and measured and true vertical depths of productive zone.

24.

SIGNED

William P. Biddle

TITLE

Vice President

(This space for Federal or State office use)

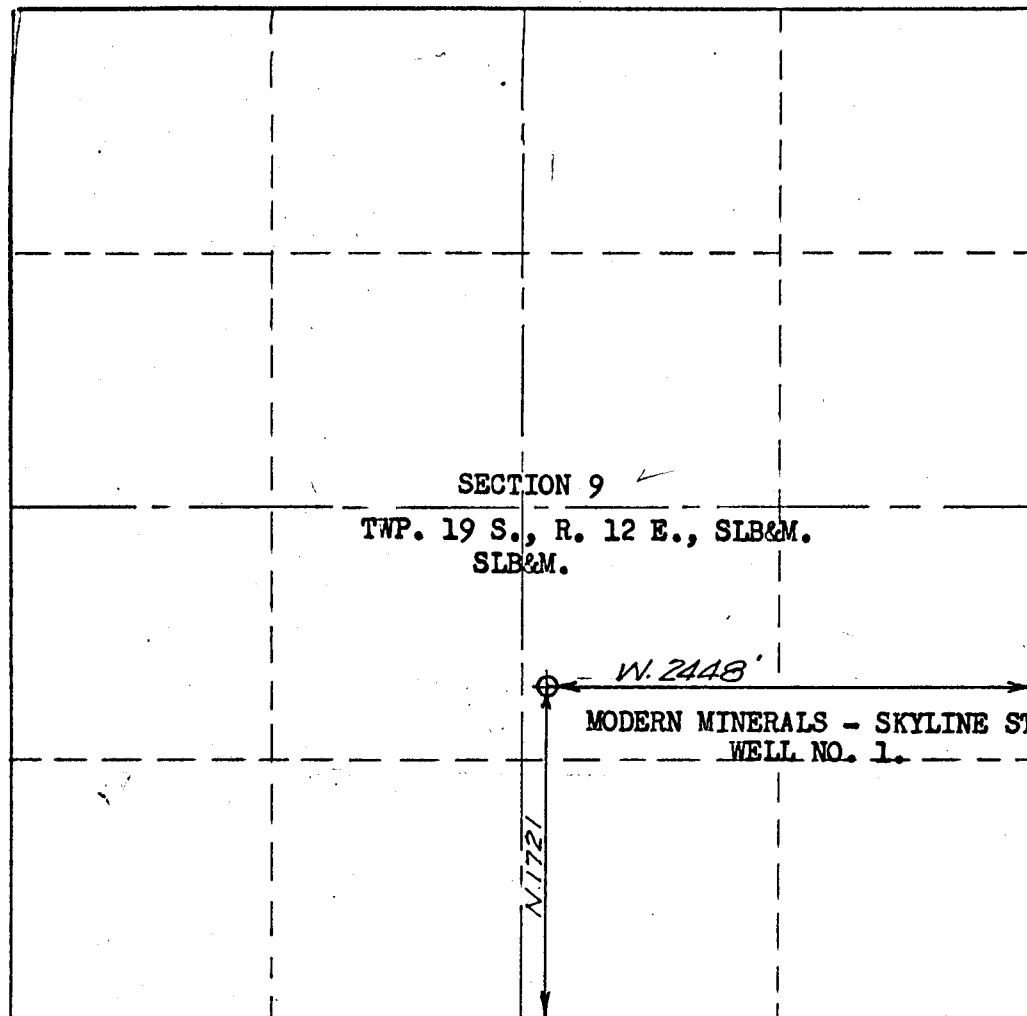
PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:



SURVEYORS CERTIFICATE

I, GEORGE H. NEWELL A REGISTERED LAND SURVEYOR AS PRESCRIBED BY THE LAWS OF THE STATE OF UTAH, AND HOLDING CERTIFICATE NO. 1770, CERTIFY THAT THIS PLAT OF A SURVEY MADE BY ME OF MODERN MINERALS - SKYLINE STATE WELL NO. 1 AND MORE SPECIFICALLY DESCRIBED AS FOLLOWS:

1721 FEET FROM THE SOUTH LINE AND 2448 FEET FROM THE EAST LINE OF SECTION 9, T. 19 S., R. 12 E., SLB&M.

IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. ✓

DATE JUNE 6, 1969

George H. Newell
GEORGE H. NEWELL

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Utah Division of State Lands, the holder of Oil, Gas and Hydrocarbon Lease No. ML-26212, and hereby designates:

MODERN MINERALS CORPORATION
1003 Deseret Building
Salt Lake City, Utah 84111

as its operator and local agent, with full authority to act in its behalf in complying with the terms of said lease and the regulations applicable thereto and on whom the Utah Division of State Lands, the Utah Division of Oil & Gas Conservation, or their representatives may serve written or oral instructions in securing compliance with the Operating Regulations with respect to the following-described lands covered by said lease:

Township 19 South, Range 12 East, S. L. M, Emery County, Utah

Section 9: SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$

11:N $\frac{1}{2}$

Containing 600.00 acres, more or less.

It is understood that this Designation of Operator does not relieve the undersigned lessee of responsibility for compliance with the terms of said lease and the Operating Regulations. It is also understood that this Designation of Operator does not constitute an assignment of any interest in said lease.

In case of default on the part of the operator hereby designated, the undersigned lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Utah Division of State Lands, the Utah Division of Oil & Gas Conservation, or their representatives.

The undersigned lessee agrees promptly to notify the Utah Division of State Lands and the Utah Division of Oil & Gas Conservation of any change in the operator hereby designated.

ATTEST:

SKYLINE OIL COMPANY

Robert M. Vernon
Assistant Secretary

By David B. Spjut
Vice President
418 Atlas Building
Salt Lake City, Utah 84101

June 9, 1969

SKYLINE OIL COMPANY

ATLAS BUILDING

SALT LAKE CITY, UTAH 84101

June 9, 1969

State of Utah
Oil and Gas Conservation Commission
1588 West North Temple
Salt Lake City, Utah

Gentlemen:

Skyline Oil Company is the owner of Utah State Oil, Gas and Hydrocarbon Lease ML-26212, and has designated Modern Minerals Corporation as operator for the drilling of a well on the leased premises to test for oil and gas at a location in the NW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 9, T. 19S., R., 12 E., S. L.M., Emery County, State of Utah, 1721 feet from the South line and 2,448 feet from the East line of Section 9.

Rule C-3 of the Utah State Oil & Gas Rules and Regulations requires that no well be drilled less than 500' from the boundary of any legal subdivision without an exception being granted. The proposed location is approximately 112 feet from the West boundary line and 401 feet from the South boundary line of the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 9, but is considered to be necessary because of the accessibility problems due to topography. Therefore, Skyline Oil Company, lessee, requests a topographical exception be granted to said Rule C-3 to allow the well to be drilled in the above described location.

We hereby stipulate that Skyline Oil Company is the oil and gas Lessee of record of all the lands within a 660 feet radius of the above described well location, all such lands being within Utah State Oil, Gas and Hydrocarbon Lease No. ML-26212.

Please give our request your immediate attention as we wish to commence the drilling of this well as soon as possible.

Very truly yours,

SKYLINE OIL COMPANY

By 
Vice President

June 10, 1969

Gentlemen:

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

Modern Minerals
June 10, 1969
Page 2

The API number assigned to this well is 43-015-30005 (see Bulletin D-12 published by the American Petroleum Institute).

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

cc: Division of State Lands

Schum
6/20/69

Reed Spigit - Modern Minerals - Skyline
sec 9 T19S R12E
State #1 Drly at 2000 @ 100'/hr

drilled
with
air

800' surface casing in Toraji - small Hunt
1364 - Sherrington - Water in Hunt ~ 600'
1436 - Monksopi - shift water in
1550 - 7" casing
Lambert - found Monksopi - tight no water
~ 2295 - Lambert - tight
~ 2380 - Cocconine
~ T.D. 2400 -

- 1) 70' plug at T.D.
- 2) cut above Sherrington ~ 1200'
50' in & out of 7" stub
- 3) 50' in & out of surface @
- 4) 10 ft/ min/mud between plug.

assume dry to ~~surface~~ T.D. - well
run G.R.N.

Reed will
possibly - 50' at base of Toraji.

JMB

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

ML 26212

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO. Modern Minerals

Skyline #1 State

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 9, T19S, R12E

12. COUNTY OR PARISH

Emery

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

MODERN MINERALS CORPORATION

3. ADDRESS OF OPERATOR

1003 Deseret Building, S.L.C., Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

1721' North of South Line)

2448' West of East Line) Sec. 9, T19S, R12E

14. PERMIT NO.

43-015-30005

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 6113

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☒
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐ ABANDON* ☒
REPAIR WELL ☐ CHANGE PLANS ☐

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐
FRACTURE TREATMENT ☐ ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐ ABANDONMENT* ☐
(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plan to pull approximately 1,000' intermediate casing 6-21-69 and plug and abandon as follows:

50' plug in bottom of 6-1/4" hole

100' plug across casing stub

50' plug at bottom of Navajo

50' plug in bottom of surface casing

10 sacks plug in top of surface casing

Install regulation dry hole marker

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE VICE PRES.

6-21-69

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TR. .CATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

ML 26212

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO. Modern Minerals

Skyline #1 State

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 9, T19S, R12E

12. COUNTY OR PARISH

Emery

Utah

1.

OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

MODERN MINERALS CORPORATION

3. ADDRESS OF OPERATOR

1003 Deseret Building, S.L.C., Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface

1721' North of South Line) Sec. 9

2448' West of East Line) T19S, R12E

14. PERMIT NO.

43-015-30005

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 6113

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Backed off and pulled 1064' 7' intermediate casing which was set at 1547'

Spotted cement plugs as follows:

10 sacks plug in bottom

20 sacks plug across casing stub @ 1075'

20 sacks plug @ 600' (Bottom of Navajo)

20 sacks plug across bottom of surface casing @ 200'

10 sacks plug in top of surface casing

P. & A. 6-21-69

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE VICE PRES.

DATE 6-23-69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLIC.

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-B355.5.

5. LEASE DESIGNATION AND SERIAL NO.

ML 26212

6. IF INDENT, ALLOTTEE OR TRUST NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

Skyline #1 State

10. FIELD AND POOL OR WILDCAT

11. SEC. T. R. & OF BLOCK AND SURVEY

Sec. 9, T. 19S, R. 12E

12. COUNTY OR PARISH

Emery Utah

13. PERMIT NO.

43-015-30005

DATE ISSUED

6-10-69

14. DATE SPUDDED

6-15-69

15. DATE T.D. REACHED

6-20-69

16. DATE COMPL. (Ready to prod.)

GL 6113

17. ELEVATIONS (DF, RKB, RT, GR, ETC.)

0-2376

18. TOTAL DEPTH, MD & TVD

2376

19. PLUG, BACK T.D., MD & TVD

20. IF MULTIPLE COMPL. HOW MANY*

21. INTERVALS DRILLED BY

22. WAS FUNCTIONAL SURVEY MADE

No

23. TYPE ELECTRIC AND OTHER LOGS RUN

GR/N

24. CASING RECORD (Report all strings set in well)

25. LINER RECORD

26. TUBING RECORD

27. PERFORATION RECORD (Interval, size and number)

28. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

29. PRODUCTION

30. DATE FIRST PRODUCTION

31. PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

32. DATE OF TEST

33. HOURS TESTED

34. CHOKER SIZE

35. PROD'N. FOR TEST PERIOD

36. OIL—BBL.

37. GAS—MCF.

38. WATER—BBL.

39. GAS-OIL RATIO

40. FLOW, TUBING PRESS.

41. CASING PRESSURE

42. CALCULATED 24-HOUR RATE

43. OIL—BBL.

44. GAS—MCF.

45. WATER—BBL.

46. OIL GRAVITY API (CORR.)

47. 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

48. TEST WITNESSED BY

49. 35. LIST OF ATTACHMENTS

50. 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

51. SIGNED

52. TITLE

53. DATE

*(See Instructions and Spaces for Additional Data on Reverse Side)

FORM OGC-8-X

FILE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Modern Minerals - Skyline State #1
Operator Modern Minerals Corp. Address 1003 Deseret Bldg. Phone 521-2962
Grand Junction,
Contractor Willard Pease Drilling Co Address P.O. Box 548, Colorado Phone 242-6912
Location NW 1/4 SE 1/4 Sec. 9 T. 19S N R. 12E E Emery County, Utah
S W

Water Sands:

	<u>Depth</u>	<u>Volume</u>	<u>Quality</u>
	From To	Flow Rate or Head	Fresh or Salty
1.	<u>1410 - 1340</u>	<u>50 barrels/day(?)</u>	<u>fresh</u>
2.			
3.			
4.			
5.			

(Continue on reverse side if necessary)

Formation Tops:

Navajo: 80'	Shinarump: 1370'
Wingate: 725'	Moenkopi: 1432'
Chinle: 1126'	Kaibab: 2273'
	Coconino: 2367'

Remarks:

- NOTE:
- (a) Upon diminishing supply forms, please inform this office.
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See Back of form).
 - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

June 8, 1970

Eastman Hatch Insurance, Inc.
910 Continental Bank Building
Salt Lake City, Utah 84101

ATTENTION: NORMAN D. SQUIRES

Gentlemen:

This will acknowledge receipt of your letter of June 3, 1970, in which you requested release of Bond # 2236665 with Modern Minerals Corporation and Skyline Oil Company as principals. This is to advise you that this bond cannot be released until the Modern Minerals Corporation well number Skyline State #1 is prepared in accordance with the regulations of the Oil and Gas Conservation Commission.

By memo of March 30, 1970, Modern Minerals Corporation was notified as to the fact that they had not yet erected the required marker on this well so that the bond can be released. Our regulations and the lease provide that any wells drilled on the land will be drilled in conformance with the regulations of the Oil and Gas Commission, and it is the intention of this office to adhere to these requirements.

Therefore, this bond will not be released until the required marker is put in place and the location cleaned and restored to the satisfaction of the Oil and Gas Conservation Commission. I trust this information will be sufficient for your needs.

Yours very truly,

DONALD G. PRINCE
ECONOMIC GEOGRAPHER

DGP

lb

cc: Oil and Gas Conservation Commission

EASTMAN HATCH INSURANCE, INC.

INSURANCE & SURETY BONDS

910 CONTINENTAL BANK BLDG.

TELEPHONE (801) 359-7737

SALT LAKE CITY, UTAH 84101

August 11, 1970

Mr. Paul Burchell
The Division of State Lands Department
of Natural Resources
108 State Capitol Building
Salt Lake City, Utah

Re: Bond of Lessee
Lease #ML 26212
MODERN MINERALS CORPORATION
and SKYLINE OIL COMPANY

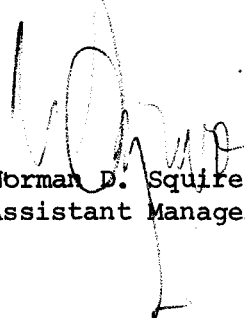
Dear Mr. Burchell:

We are advised by Skyline Oil Company that the above bond ^{can be} ~~has been~~ released. Please send your decision authorizing determination of the bond.

Thank you.

Very truly yours,

EASTMAN HATCH INSURANCE, INC.


Norman D. Squires
Assistant Manager

NDS/jn

CC to Paul Burchell/memo of inspection